ANALYTICA CHIMICA ACTA, VOL. 265 (1992)

AUTHOR INDEX

Asp, T.N., see Pedersen-Bjergaard, S. 87

Baggett, N.

-, Case, M.A., Darby, P.R. and Gray, C.J.

7-Hydroxycoumarin-4-acethydrazide: A fluorescent derivatizing reagent for aldehydes and ketones 111

Barbosa, J.

-, Barrón, D., Bosch, E. and Rosés, M.

Resolution of acid strength in tetrahydrofuran of substituted benzoic acids 157

Barnes, D.E., see Taylor, M.J.C. 71

Barrón, D., see Barbosa, J. 157

Barthel, J.

- and Popp, H.

Methods of the knowledge based system ELDAR for the simulation of electrolyte solution properties 259

Bauerschmidt, S.

—, Hanebeck, W., Schulz, K.-P. and Gasteiger, J. Elucidation of reactions in the mass spectrometer 169 Bhindi, A.K.

- and Chiswell, B.

Method based on Chelex-100 ion-exchange resin for the removal of chlorine interference in the determination of chlorite ion 117

Biernat, J.F., see Konieczka, P. 127

Blaffert, Th.

"Superatoms" in the interpretation of spectra 243

Böhmer, H.-U., see Roth, B. 301

Bosch, E., see Barbosa, J. 157

Case, M.A., see Baggett, N. 111

Chashchin, V.L., see Turko, I.V. 21

Chen, C.-Y.

-, Gotoh, M., Makino, H., Su, Y.-C., Tamiya, E. and Karube, I.

Amperometric needle-type glucose sensor based on a modified platinum electrode with diminished response to interfering materials 5

Chiswell, B., see Bhindi, A.K. 117

Darby, P.R., see Baggett, N. 111

Daugvilaite, N., see Kulys, J. 15

Debska, B.

SCANNET: a spectroscopy database 201

Deplanque, R., see Nebel, A. 305

Deplanque, R., see Roth, B. 301

Drapp, B.

-, Gauglitz, G., Ingenhoff, J. and Wolf, B.

Simulation of transversal modal fields in integrated optic components 267

Fiechter, A., see Filippini, C. 63

Filippini, C.

-, Sonnleitner, B. and Fiechter, A.

"Intelligent" analytical subsystems for on-line control and monitoring of bioprocesses 63

Fontain, E.

The problem of atom-to-atom mapping. An application of genetic algorithms 227

Förster, Th., see Lang, E. 277, 283

Fudagawa, N., see Shibata, N. 93

Garcia Mateo, J.V., see Lahuerta Zamora, L. 81

Gasteiger, J., see Bauerschmidt, S. 169

Gasteiger, J., see Sadowski, J. 233

Gauglitz, G., see Drapp, B. 267 Gotoh, M., see Chen, C.-Y. 5

Gray, C.J., see Baggett, N. 111

Greibrokk, T., see Pedersen-Bjergaard, S. 87

Hanebeck, W., see Bauerschmidt, S. 169

Hicks, M.G.

Beilstein Current Facts in Chemistry: a large chemical database on CD-ROM 291

Ingenhoff, J., see Drapp, B. 267

Kaguei, S.

- and Sato, H.

Deconvolution of multicomponent spectra using fuzzy linear programming 55

Karube, I., see Chen, C.-Y. 5

Kateman, G., see Postma, G.J. 133

Kateman, G., see Wienke, D. 211

Katsu, T.

- and Kayamoto, T.

Potentiometric determination of inorganic phosphate using a salicylate-sensitive membrane electrode and an alkaline phosphatase enzyme 1

Kayamoto, T., see Katsu, T. 1

Kirste, B.

Methods for automated analysis and simulation of electron paramagnetic resonance spectra 191

Konieczka, P.

-, Luboch, E., Namieśnik, J. and Biernat, J.F.

Study of a method for the preparation of standard gas mixtures based on thermal decomposition of surface compounds. Application to isothiocyanates 127

Kubota, M., see Shibata, N. 93

Kulys, J.

-, Wang, L. and Daugvilaite, N.

Amperometric methylene green-mediated pyruvate electrode based on pyruvate oxidase entrapped in carbon paste 15

Lahuerta Zamora, L.

—, Garcia Mateo, J.V. and Martinez Calatayud, J. Entrapment of reagents in polymeric materials. Indirect atomic absorption spectrometric determination of isoniazid by oxidation with manganese dioxide incorporated in polyester resin beads in a flow-injection system 81

Lang, E

-, Von der Lieth, C.-W. and Förster, Th.

Automatic assignment of bond orders based on the analysis of the internal coordinates of molecular structures 283—, Von der Lieth, C.-W. and Förster, Th.

Automatic conformation analysis applied on large databases 277

Lepesheva, G.I., see Turko, I.V. 21

Lister, P., see Nebel, A. 305

Luboch, E., see Konieczka, P. 127

Lucasius, C., see Wienke, D. 211

Maass, R., see Nebel, A. 305

Makino, H., see Chen, C.-Y. 5

Marshall, G.D., see Taylor, M.J.C. 71

Martinez-Lozano, C., see Pérez-Ruiz, T. 103

Martinez Calatayud, J., see Lahuerta Zamora, L. 81

Meyer, M.

- and Weigelt, T.

Interpretation of infrared spectra by artificial neural networks 183

Mihajlović, R.

—, Vajgand, V. and Simić, Z.

Coulometric generation of hydrogen ions by anodic oxidation of some organic compounds in nitromethane, sulpholane, acetonitrile and acetic acid-acetic anhydride 35

Namieśnik, J., see Konieczka, P. 127

Nebel, A.

-, Tölle, U., Maass, R., Olbrich, G., Deplanque, R. and Lister, P.

The Integrated Gmelin Information System. New developments in information processing 305

Olbrich, G., see Nebel, A. 305

Pedersen-Bjergaard, S.

-, Asp, T.N. and Greibrokk, T.

Determination of sulphur- and chlorine-containing compounds using capillary gas chromatography and atomic emission detection 87

Pérez-Ruiz, T.

-, Martinez-Lozano, C. and Tomás, V.

Kinetic-spectrofluorimetric determination of nitrite and nitrate at the nanograms per millilitre level by manual and flow-injection methods 103

Popp, H., see Barthel, J. 259

Postma, G.J.

- and Kateman, G.

The quality of analytical information contained within abstracts and papers on new analytical methods 133

Rosés, M., see Barbosa, J. 157

Roth, B.

-, Böhmer, H.-U. and Deplanque, R.

Registration of substances in the Gmelin Factual Database 301

Rudolph, C., see Sadowski, J. 233

Sadowski, J.

-, Rudolph, C. and Gasteiger, J.

The generation of 3D models of host-guest complexes 233 Sato, H., see Kaguei, S. 55

Schulz, K.-P., see Bauerschmidt, S. 169

Scott, D.R.

Pattern recognition/expert system for mass spectra of volatile toxic and other organic compounds 43

Shibata, N.

-, Fudagawa, N. and Kubota, M.

Determination of trace metals in potassium hydrogenphthalate by inductively coupled plasma mass spectrometry 93

Simić, Z., see Mihajlović, R. 35

Sonnleitner, B., see Filippini, C. 63

Su, Y.-C., see Chen, C.-Y. 5

Tamiya, E., see Chen, C.-Y. 5

Taylor, M.J.C.

-, Barnes, D.E. and Marshall, G.D.

Trace gold determination in cyanide process solutions—preconcentration using supported liquid membranes in a flow-injection manifold 71

Tölle, U., see Nebel, A. 305

Tomás, V., see Pérez-Ruiz, T. 103

Turko, I.V.

-, Lepesheva, G.I. and Chashchin, V.L.

Direct antigen detection in Langmuir-Blodgett films of immunoglobulin G modified with coproporphyrin-I 21

Vajgand, V., see Mihajlović, R. 35

Von der Lieth, C.-W., see Lang, E. 277, 283

Wang, C., see Zhang, X. 27

Wang, L., see Kulys, J. 15

Weigelt, T., see Meyer, M. 183

Wienke, D.

-, Lucasius, C. and Kateman, G.

Multicriteria target vector optimization of analytical procedures using a genetic algorithm. Part I. Theory, numerical simulations and application to atomic emission spectroscopy 211

Wolf, B., see Drapp, B. 267

Zhang, X.

-, Wang, C. and Zhou, X.

Voltammetry of dihydroxyphenylalanine (L-DOPA) using a Nafion-coated carbon fibre ultramicroelectrode array 27 Zhou, X., see Zhang, X. 27